**Renewable Energy**

* Definition: energy that is reproduced from natural resources.
* 2 most often used sources are; hydropower and solar.
* Renewable energy has been around for more than 150 years: wood being one of the first means for saving energy.

***SOLAR ENERGY***

* Use of the sun to provide energy.
* “26 percent compounded annual growth rate over the next 20 years.”
* The growth rate of solar energy is growing, and will continue to grow over the next decade or so. Because of the increasing price of oil, people are becoming more eco- friendly.
* Seeing that the solar energy increased incredibly in 2008, we can see how rapidly it might grow in a matter of 2 to 3 years.
* To see some cost of solar energy check out this site: <http://www.facts-about-solar-energy.com/solar-energy-cost.html>

<http://tonto.eia.doe.gov/kids/energy.cfm?page=renewable_home-basics>

<http://en.wikipedia.org/wiki/Renewable_energy>

<http://www.physorg.com/news153148344.html>

<http://www.wikinvest.com/industry/Solar_Power>

***HYDROPOWER*** (WATER)

* <http://www.energyquest.ca.gov/story/chapter12.html>
* Also known as hydroelectric power; uses water to generate electricity.
* As of 2009 the U.S. had enough facilities to produce power for 28 million homes. We know that this will go up because of the increasing needs of consumers for a change in their bills for electricity. <http://www.energy.gov/energysources/hydropower.htm>
* Most common use of hydroelectric power is a dam. <http://tonto.eia.doe.gov/kids/energy.cfm?page=hydropower_home-basics>